# Journal of Religion, Social, Cultural and Political Sciences

An Exploration of Online Behavior of Asian and European Netizens: A Conceptual Phenomenological Comparative Review

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#### **Abstract**

This research utilizes conceptual analysis to investigate the divergence of online behavior between netizens in Asia and Europe. The focus of this study is to identify variants of online consumer habits in the two regions and analyze the main factors that influence them. This study has significant relevance for business entities targeting online consumer markets in Asia and Europe, as it provides crucial insights for designing more targeted marketing strategies. In its analysis, this paper highlights the most striking difference between Asia and Europe regarding the number of netizens, where Asia has a much larger number of internet users. This not only reflects the size of the market, but also reflects the difference in the level of digital technology adoption between the two regions. However, there are similarities in user preferences regarding the use of mobile devices such as smartphones and tablets for online shopping activities in both regions, in line with the global trend towards mobile e-commerce. Asia shows huge market potential thanks to the rapid growth of the digital economy in countries such as China, Japan and South Korea, as well as in the Southeast Asia region. On the other hand, Europe has a promising e-commerce market, especially in countries such as Germany, Poland and Norway, although some countries still lag behind in infrastructure and social delivery services.

## Keywords

Online; Behaviour; Asian,; European; Comparative



## I. Introduction

The phenomenal growth of online shopping is the result of a number of interrelated factors. First, continued advances in technology have made the online shopping experience easier. The integration of advanced technologies, such as artificial intelligence (AI)-based recommendation systems and virtual reality (VR)-based virtual shopping experiences, provides consumers with a more personalized and convenient shopping journey. For example, AI recommendation systems can customize the products shown to consumers based on their preferences and shopping history, increasing the likelihood of purchase. Additionally, VR virtual shopping experiences allow consumers to realistically examine products before purchase, increasing consumer trust and satisfaction.

Second, the availability of seamless payment options and a variety of secure payment methods has reduced barriers for potential online buyers. The ever-evolving development of online payment systems allows consumers to make payments easily, quickly and securely via a variety of methods, including credit cards, digital wallets, bank transfers and direct payments. The availability of these flexible payment options expands market reach and increases the likelihood of purchase conversion.

ISSN: 2721-7469 (Print), 2721-7450 (Online)

Iskandarsyah Siregar: An Exploration of Online Behavior of Asian and European Netizens: A Conceptual Phenomenological Comparative Review

https://siasatjournal.id/index.php/siasat

Lastly, the growth and stabilization of internet infrastructure globally has ensured more consistent and reliable access to online shopping platforms. With adequate internet infrastructure, both in urban and rural areas, more people can access online stores without significant obstacles. This increases consumer participation in online shopping, resulting in further growth in e-commerce.

The interconnection between these factors creates an ecosystem that supports the growth of online shopping globally. By continuing to develop technology, providing safe and easy payment options, and increasing internet accessibility, e-commerce industry players can continue to expand their market share and provide consumers with a better shopping experience. This not only creates huge business opportunities, but also changes the way people shop and interact with products and brands.

The phenomenal development of online shopping shows its universal appeal that reaches various levels of society throughout the world. According to a global Nielsen Online survey recently reported by kompas.com, 85% of the world's population has engaged in online shopping, reflecting the extent to which this practice has seeped into modern life. Critical research conducted by Devika in 2014 highlighted several key elements that form the basis of successful online shopping, including strong security measures, consumer trust, and excellent website design. With an online platform that is neatly structured, secure and visually attractive, e-commerce players can significantly strengthen customer engagement and loyalty.

The widespread use of the internet has created the 'netizen' phenomenon in almost every country. Netizens are not only active digital consumers but also have extensive knowledge about the products and services they search for online. They tend to be savvy shoppers, regularly comparing price, quality, and security features across various online shopping platforms before making a purchasing decision. Therefore, to attract and retain these discerning customers, it is important for online stores to offer reliable quality and security guarantees, in addition to a convenient shopping experience.

In the context of geographical differences, especially between Asia and Europe, there are striking differences in the netizen population. Asia, led by China with a huge population, has a much larger number of netizens than Europe. Data from Techinasia in 2014 shows that China has 463 million internet users, ahead of America which only has 178 million users. This significantly contributes to the number of internet users throughout Asia. In the realm of e-commerce, several countries in Asia, such as China, Japan and South Korea, show rapid growth in online sales. Online business prospects in Asia continue to grow, supported by the growth of digital infrastructure and increasing consumer participation in online shopping.

The importance of understanding these differences between the two continents requires e-commerce industry players to adapt and optimize their marketing strategies. Factors such as consumer shopping preferences, online shopping habits, and the level of digital infrastructure readiness are crucial considerations in designing effective and sustainable marketing strategies. With a deeper understanding of the dynamics of online shopping in Asia and Europe, companies can increase their competitiveness and expand their market share in the era of digital globalization.

Europe is also in the spotlight for its steady netizen population growth. Data from research conducted by 'We Are Social' in 2014 shows that European countries such as Iceland and Norway have internet penetration rates of almost 95%. Despite significant differences, even laggard Ukraine has an internet penetration rate that reaches the global

average of 34%. Overall, Europe accounts for more than half a billion online users, demonstrating the continent's significant market potential.

In the framework of the formation of a complex online shopping landscape, various interrelated factors play an important role. These factors include technological advances, security of online transactions, varying consumer behavior, and geographic differences that influence shopping preferences and practices. Understanding and identifying these differences is crucial for business people who want to win in the increasingly competitive e-commerce market, especially in Asia and Europe.

The importance of understanding these differences cannot be ignored, especially in the context of globalization and international business expansion. With in-depth knowledge of consumer preferences, desired levels of security, and online shopping trends, companies can design more effective and careful marketing strategies. This allows them to optimize the online shopping experience for their customers and expand their market share in their target regions.

Along with technological developments, the challenges faced by e-commerce businesses are also increasing. One of the main challenges is maintaining customer security and trust in online transactions. Therefore, companies need to innovate in creating security solutions that can provide consumers with a sense of security when shopping online, thereby increasing customer loyalty and trust.

Thus, understanding the dynamics and differences in the online shopping landscape between Asia and Europe is an important step in designing a successful business strategy. Only with a deep understanding of consumer preferences and behavior, as well as other factors that influence online shopping, can companies take the right steps in facing the challenges and opportunities in the ever-growing e-commerce market.

#### **II. Review of Literature**

For digital entrepreneurs, understanding the evolution of internet-based applications is an important asset that can define their competitive advantage. Along with insights from Yuliana (2000), internet technology capabilities have revolutionized various aspects of business operations strategically. The following factors reflect this revolution:

First, the rapid and widespread dissemination of global information. Advanced internet services such as email, electronic mailing lists, and dynamic websites have accelerated the process of disseminating information globally. This not only results in efficiency in communication costs but also increases information accessibility for consumers in various parts of the world.

Second, enhanced interactive communication. The interactive dimension of internet technology through discussion forums, chat groups and interactive order forms has changed the way companies interact with customers. With the ability to collect feedback in real-time, companies can respond to customer needs more quickly and foster long-term customer trust and loyalty.

Third, personalized customization for consumers. The flexibility of internet technology allows for automatic adjustments to suit individual consumer needs. With access to personalized content, companies can provide a more relevant shopping experience and focus their marketing efforts on the right target market.

Fourth, fostering collaboration. The Internet not only provides a means for the exchange of information, but also facilitates collaboration between individuals and companies. Integrated groupware tools simplify project coordination and data management, facilitating effective teamwork and strategic partnerships

Fifth, electronic commerce as the new norm. The Internet has become the foundation for electronic commerce, enabling direct transactions between companies and consumers. Through e-commerce applications, companies can expand their market reach and increase efficiency in the buying and selling process.

In the context of online shopping, netizen phenomena and regional trends also play an important role. Netizens—highly internet-savvy consumers—are looking for convenience and efficiency in their online shopping experience. In Asia, especially in countries with large populations such as China, Japan and Korea, the e-commerce market potential is very large. In India, online shopping is gaining popularity as it avoids the hassle of conventional shopping. In Europe, despite differences in levels of internet access, online shopping is becoming an increasingly common habit among the digitally active population. In various markets, such as China and Europe, factors such as company reputation and consumer shopping habits play a role in shaping online shopping behavior. The evolution of internet technology has provided invaluable strategic tools for online businesses to achieve global market share, interact personally with customers, seamlessly integrate operations, and much more. This has opened the door for entrepreneurs to adapt and exploit these opportunities in order to compete effectively, especially considering the diversity of consumer behavior and preferences in diverse global markets.

When it comes to the online shopping experience, consumer preferences and habits can vary widely. For example, surveys show that 64% of consumers prefer to have goods delivered directly to their homes, while 85% would like to have access to a physical store to see or even touch products in person. However, there are also 17% who still prefer to make purchases directly in stores. In Europe, online shopping trends, especially for clothing products, show different patterns between countries. For example, Europeans tend to prefer online shopping with home delivery, especially in countries such as Hungary, Poland and Germany. On the other hand, bringing products into physical stores is still the main preference for consumers in countries such as the UK, France and Belgium. Analysis of this data shows that purchasing clothing is a top priority for consumers in Europe.

Research published online provides deeper insight into consumer shopping preferences in Europe. Data shows that Europeans tend to prefer to shop for clothes over other items when making online purchases. This may be due to factors such as the availability of various brands and styles, as well as the ease of finding suitable sizes and models. These findings provide a deeper understanding of the dynamics of online shopping in Europe and can help companies design more effective marketing strategies for this market.

Consumer shopping behavior can be influenced by various factors, including cultural preferences, product availability, and shopping convenience. In Europe, these factors contribute to different spending patterns between countries. Understanding these differences is important for companies that want to succeed in the global e-commerce market, as it allows them to adapt their marketing and service strategies according to local needs and preferences.

Overall, the insights provided by research into consumer shopping behavior in Europe provide a deeper understanding of the preferences and shopping habits of this diverse market. This is important for companies looking to enter the European market or increase their presence there, as it allows them to design more targeted and effective strategies.

Alex et al. (2014) reveal that B2C e-commerce and delivery markets in Europe are very heterogeneous and reflect differences to date. The following is an analysis of the four countries in Europe.

- 1. German: Germany is the city centre. German e-commerce sales get the second highest notch in Europe. Market earnings for 2013 range from EUR 33100000000 to EUR 39.1. Sellers in Germany are increasingly looking for opportunities for foreign e-commerce growth by selling to consumers abroad.
- 2. Greece: The e-commerce market is small but snowballing. The development of e-commerce is constrained by administrative barriers to online business, limited broadband access and a high proportion. The preferred payment method is cash on delivery which places an additional burden on delivery service providers and business enterprises online.
- 3. Ireland: Demographics are dominated by urban and rural communities. Resident netizens in Ireland are widespread. Delivery orders in Ireland are well served. Irish postal service supplies shipping services throughout the country, mainly in rural areas.
- 4. Poland: Poland is one of the fastest-growing e-commerce markets in Europe, with a growth rate of more than 25% per year. Rural areas need to be more developed regarding broadband access and e-commerce. The Polish shipping market is very competitive and offers a wide range of delivery options from home and shop. Urban communities in Poland generally have greater purchasing power than rural communities. Personal contact with customers is the right decision because, in the end, consumers will be more interested in the presence of agents or distributors (U.S Commercial Service & U.S Embassy. Warsaw 2012).

According to Spath (2014), almost 100% of the 15 to 29 year old age group actively uses the internet, indicating high penetration among the younger generation. Additionally, there has been a significant increase in the participation of internet users from the 65 and above age group, which increased by 27% compared to 2007 data. The 55 and above age group, in particular, has become a key target for the retail industry, due to their increased involvement in online shopping and digital consumption. These findings highlight the importance of understanding the shopping preferences and online behavior of various age groups in designing effective marketing strategies.

Data from the PWC study records online shopping trends across various product categories. Approximately 61% of respondents reported that they made online purchases in the clothing and shoes category, making this sector one of the most popular in ecommerce. Additionally, 56% of them prefer to purchase health and cosmetic products online, indicating there is significant interest in shopping for health and beauty products through online platforms. However, there is also a small portion, around 5% of respondents, who only use online stores to ask questions or look for information without the intention of buying directly. This information provides valuable insight for retailers in planning inventory and strengthening their online shopping experience.

In terms of technology use, the use of mobile devices is increasingly dominant among netizens. Studies show that around 53% of them use smartphones or tablets to access the internet and make online purchases. This highlights the importance of optimizing e-commerce platforms for a responsive and mobile-friendly user experience. The fact that more than half of internet users use mobile devices for online shopping indicates that companies must prioritize developing mobile-optimized websites and applications to meet the demands of the growing market.

The results of this study provide a clear picture of the online shopping behavior of various demographic segments. Understanding the shopping preferences and technology usage of different age groups allows companies to adapt their marketing strategies according to consumer needs and preferences. In this way, retailers can optimize the online shopping experience and increase conversions by providing services that suit their users'

preferences, both in terms of products offered and responsive user experience. Spath (2014) states that almost 100% of the 15-to-29-year age group are active netizens, and the age group 65+ experienced an increase of 27% compared to 2007. The age group 55 years and over is the target group for the retail industry. The PWC study noted that 61% purchased online for the clothing and shoes category, 56% purchased health and cosmetics, and 5% only intended to ask in online stores. When it comes to using technological tools, 53% of netizens use smartphones or tablet phones.

## III. Research Method

The research methodology adopted in this study is a mixed methods approach, which effectively integrates quantitative and qualitative research techniques to provide a thorough analysis. This approach provides advantages because it allows researchers to gain a deeper understanding of the phenomenon being studied by combining the advantages of both approaches.

Quantitative data collection was the initial focus in this research. Numerical data is collected to gain a comprehensive understanding of the research subject. This includes various metrics, such as user engagement levels on online platforms, sales statistics, and consumer behavior. The main goal of this stage is to obtain measurable data that can provide a broad picture of the research topic being investigated.

Once quantitative data is collected, careful statistical analysis is carried out to identify patterns, trends and anomalies that may emerge. This analysis is important because it forms the basis for subsequent qualitative inquiry. By having a strong data base, researchers can proceed to the qualitative interpretation stage with greater confidence. The qualitative interpretation stage was carried out using a psychomarket approach. This approach allows researchers to understand the psychological factors that influence consumer behavior and market dynamics. By focusing on the "why" behind numerical data, this qualitative interpretation provides deeper insight into consumer motivations and preferences.

The validity of the data is guaranteed through a triangulation process, where the data collected is confirmed and strengthened through references to other credible sources of information. Triangulation ensures that the conclusions drawn are supported by solid evidence from multiple sources, thereby increasing confidence in the research findings. By applying a mixed methods approach and a rigorous triangulation process, this research succeeded in providing a robust and credible multidimensional analysis. The combination of quantitative and qualitative data, along with careful data validation, makes this research relevant and powerful in the context of an ever-evolving market. This shows that the methodology used not only provides analytical excellence, but also enhances in-depth understanding of the research topic.

## **IV. Results and Discussion**

The dynamics of the rapid development of online business is a global phenomenon that is influenced by various factors, both external and internal. Rapid technological growth, easy internet access, and fast broadband connectivity are external factors that strengthen consumer interest in online shopping. Likewise, sophisticated smartphones and reliable delivery services have contributed to the growth of this business. On the other hand, internal factors such as customer service efficiency, easy payment options, enhanced security measures and attractive website design also influence consumer preferences in

online shopping. Therefore, understanding consumer behavior and preferences from various regions is key for manufacturers who want to enter the global market.

Asia, with its large population and rapid economic growth, offers great potential for online business growth. Countries such as China, Japan, Korea and Southeast Asia play an important role in driving this business expansion. Research shows that netizens in Asia are attracted to online shopping because of time efficiency, trusted reputation of online businesses, smooth internet access, and visually appealing website features that suit local culture.

On the other hand, Europe shows relatively low levels of engagement in online shopping. Despite having good infrastructure, Europe faces challenges such as complicated shipping logistics, especially in remote countries, and inconsistent broadband services. Sales data shows that online shopping transactions in Europe are still much lower compared to Asia, which may be due to these factors.

When comparing online shopping trends in Asia and Europe, it is important to note that consumer preferences can be influenced by cultural factors, technological infrastructure, and economic conditions. Therefore, this research aims to dissect and compare the attitudes and actions of online consumers in these two regions, with the hope of providing deeper insight for manufacturers looking to enter the global market.

The main differences between online buyer behavior in Asia and Europe include various aspects that reflect the differences in culture, demographics and technological infrastructure in these two regions. Firstly, in terms of demographics, young people in Asia tend to be more familiar with technology and therefore more likely to shop online. In Europe, older demographic groups may find these online technologies difficult and prefer to make purchases at traditional shopping outlets that are more familiar to them.

Second, cultural preferences play an important role in determining online shopping behavior. Asian people are generally more price sensitive and value oriented. They tend to look for attractive offers and discounts. In contrast, Europeans tend to prioritize quality and are often willing to pay more for high-quality products or well-known brands that are considered prestigious.

In terms of payment modes, Asian consumers generally rely more on digital payment services such as Alipay and WeChat Pay, while European consumers tend to use credit and debit cards for their online transactions. This is reflected in the cultural preferences and habits of consumers in both regions.

Apart from that, differences are also visible in the dominant e-commerce platforms in each region. In Asia, platforms such as Alibaba and JD.com dominate the e-commerce market, while in Europe, Western platforms such as Amazon and eBay dominate.

Mobile shopping is also a significant factor in differences between Asia and Europe. With higher smartphone penetration rates, mobile shopping is becoming more popular in Asia, while in Europe, most consumers still prefer to use a desktop or laptop for online transactions.

Lastly, Asians are more open to cross-border shopping, often purchasing products from countries such as Japan, South Korea and China. On the other hand, Europeans tend to prefer shopping in their own country or within the European Union, often due to language and currency barriers they may face when shopping across borders.

Online shopping has become an inevitable global trend, driving the growth of ecommerce worldwide. However, this research highlights significant differences in consumer behavior between Asia and Europe. Recognizing these differences is crucial for businesses seeking to position themselves effectively in increasingly diverse international markets. By deeply understanding the preferences and challenges that exist in each of these regions, companies can develop marketing strategies that are more appropriate and responsive to local consumer needs.

To gain a holistic understanding of differences in online shopping behavior between Asia and Europe, a multidimensional approach was used in this research. The data is obtained from various sources that include the latest market research reports, extensive consumer surveys, and raw data from leading e-commerce platforms. This combination of methodologies allows us to identify and analyze significant patterns and trends, which in turn provides valuable insights for the business world in the face of ever-changing market dynamics.

This data analysis aims to reveal the essential differences between online consumer behavior in Asia and Europe. We examine various aspects such as payment preferences, dominant e-commerce platforms, mobile shopping trends and product preferences. In doing so, this research not only provides a deeper understanding of how consumers interact with online platforms, but also explores the complex layers that differentiate the online shopping experience in the two regions.

The results of this analysis provide valuable insight for businesses in adjusting their marketing strategies. With a better understanding of consumer preferences and habits in Asia and Europe, companies can direct their efforts to provide more relevant, engaging and satisfying online shopping experiences. Innovations in customer service, customization of e-commerce platforms, and the right marketing strategies can help companies achieve success in an increasingly competitive global market.

This research confirms the importance of adapting business strategies to different consumer preferences and behavior around the world. By strengthening their understanding of these differences, companies can better position themselves for success in meeting the challenges and opportunities in an ever-evolving global marketplace.

There are main insights based on quantitative and qualitative analysis, namely: Higher Online Shopping Penetration in Asia

According to a study conducted by eMarketer in 2020, the online shopping penetration rate in Asia reached 56.8%, while in Europe it was only 45.8%. This phenomenon shows significant differences in online shopping adoption between these two regions. One important factor contributing to this gap is the demographic composition of the region. Asia has a younger population overall, with this generation more comfortable with navigation technology. This technological expertise is naturally encouraging more and more people in Asia to turn to online shopping.

Dominate Mobile Shopping in Asia

Data from Statista Reports in 2020 revealed that around 72% of online shoppers in Asia prefer to use their mobile devices to make purchases, while in Europe this figure is much lower, only around 45%. This significant difference highlights the prevalence of mobile shopping in Asia. This prevalence can be attributed to the wide penetration of smartphones across the Asian region. The ease and convenience offered by mobile devices as a shopping portal is particularly attractive to the Asian consumer base, which explains the high percentage of mobile shopping there.

Cross-Border Shopping Trends Increasingly Visible in Asia

Data from eMarketer shows that in 2020, around 44% of online shoppers in Asia were likely to purchase products from other countries, while only around 20% of European consumers did the same. This trend shows differences in cross-border shopping behavior between Asia and Europe. Asian consumers tend to be more open to cross-border shopping, especially due to their sensitivity to price. Their search for cheap deals and

discounts often takes them beyond national borders, making them more likely to shop across borders compared to European consumers.

**Business Implications and Conclusions** 

Analysis of this data makes it clear that the online shopping landscapes in Asia and Europe are fundamentally different. From device preferences to cross-border shopping trends, each region presents its own unique challenges and opportunities. Businesses operating in these two regions must consider these differences in consumer behavior when designing their marketing and operational strategies. Understanding these regional nuances is not just an academic exercise; this is key to commercial success in an increasingly globally connected market.

#### V. Conclusion

The potential of online commerce in Asia offers huge and varied opportunities for online businesses. With an abundant population of internet users, Asia is a very promising market for online business growth. This market growth is driven by advanced technology and widespread internet access in most Asian countries. However, it is important to pay attention to consumer behavior in this region.

In India, for example, the appeal of online shopping is driven by its convenience and time efficiency compared to traditional shopping. Long lines and crowded markets are common obstacles to traditional shopping, so the efficiency offered by online shopping is invaluable, especially for individuals with busy schedules. This highlights the need to understand local consumer needs and preferences.

Consumer behavior patterns in Asia also highlight their interest in holistic user experiences. They tend to turn to online platforms that offer attractive visual designs, high-quality services and competitive prices. This shows the importance for businesses looking to enter the Asian market to focus on creating rich and satisfying experiences for customers.

On the other hand, Europe has fewer internet users, but growth is steady year on year. Obstacles to online commerce in Europe include inconsistent internet access and logistical complications in shipping to remote areas. Despite this, some countries such as Germany and Poland have better internet infrastructure, providing hope for online businesses looking to enter the European market.

Businesses that want to succeed in online commerce in Asia and Europe must pay attention to these details. In addition to maintaining product quality, it is also important to invest in a secure and responsive online platform that prioritizes user experience. In Asia, visually appealing websites, high-quality service and competitive prices are the main focus. In Europe, addressing logistical challenges related to product delivery and promotion of certain product categories that are popular among online shoppers has become an important strategy.

It can be concluded that online shopping, as a global phenomenon, has become a rampant trend across the world. However, although people in Asia and Europe are both involved in online shopping activities, their applications and preferences are very different. These differences are influenced by various factors, ranging from demographic and cultural characteristics to technological advances and different logistics infrastructure in each region.

In Asia, online shopping penetration rates tend to be higher compared to Europe. This is due to a larger population, supported by easy internet access and increasingly developed technology. Additionally, online shopping habits in Asia are often driven by the

need for time efficiency and convenience, especially in densely populated countries such as India and China, where traditional shopping often involves long queues and crowded markets.

On the other hand, Europe has different characteristics. Although internet penetration rates are not as high as in Asia, Europe has a rapidly growing online shopping market. However, the challenges facing online businesses in Europe are more related to uncertainty in internet access and logistical complexity in shipping goods, especially to remote areas. This requires businesses to be more careful in designing their strategies for the European market.

When online businesses want to succeed in this diverse market, they must pay close attention to these differences. Adapting their online strategy to meet the unique needs and overcome the different challenges in each market is an important step. This could involve building a differentiated technology infrastructure, adapting business models to account for local preferences, and adjusting logistics strategies to ensure timely and safe delivery of goods.

By making these adjustments, businesses can provide a more satisfying and secure online shopping experience for their customers in Asia and Europe. By understanding and appreciating these differences, businesses can build stronger relationships with their customers and expand their reach in an increasingly connected global marketplace.

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